

## 5.2 Population Growth and Age Distribution

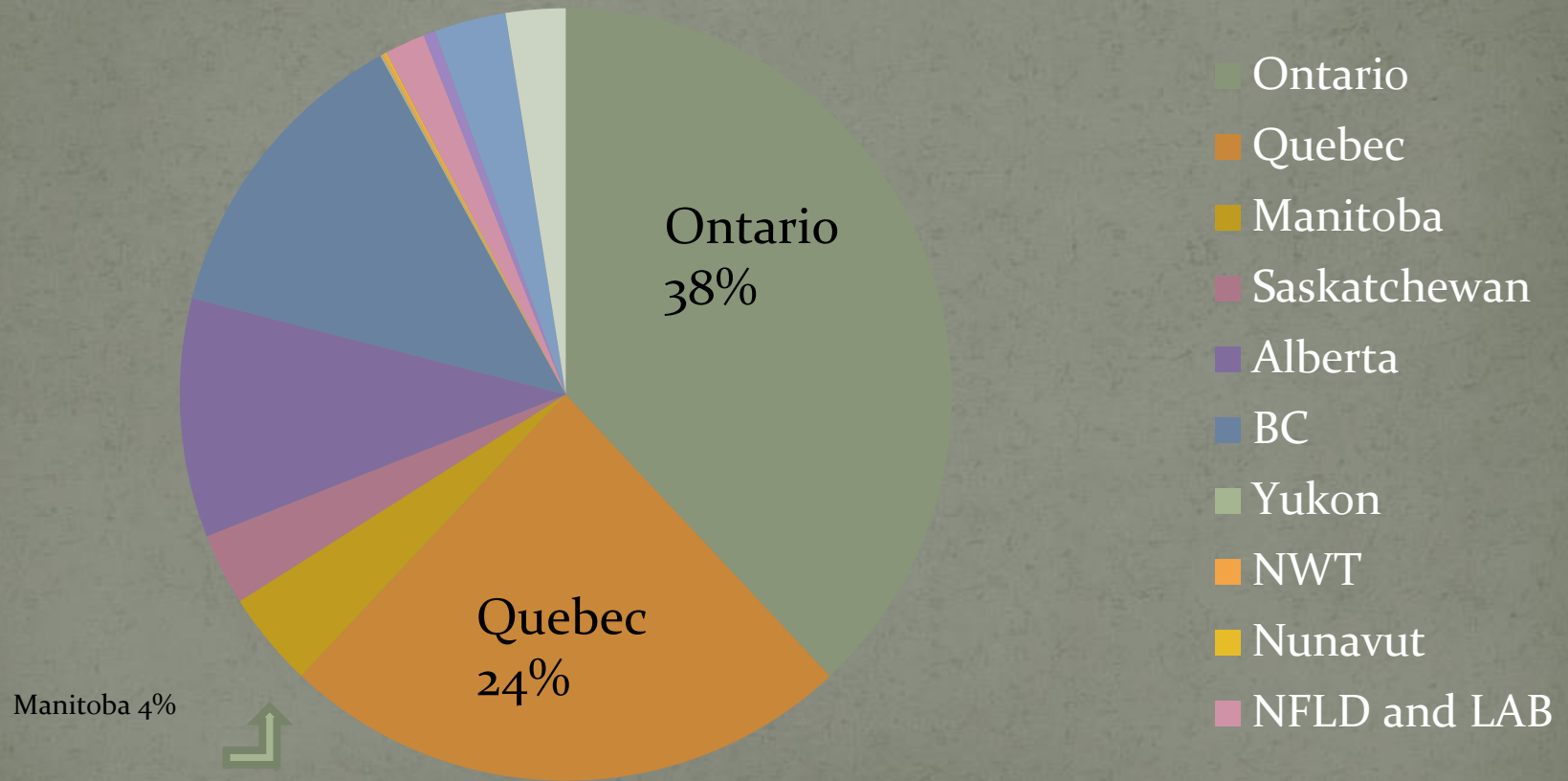


# From last class.....

- What is a census?
  - Survey of the population
- What is population density?
  - Number of people per square kilometre
  - What is the formula for calculating pop density
  - What is the pop density like in Canada
  - Correct Worksheet

# Using Circle Graphs to Show Population Patterns

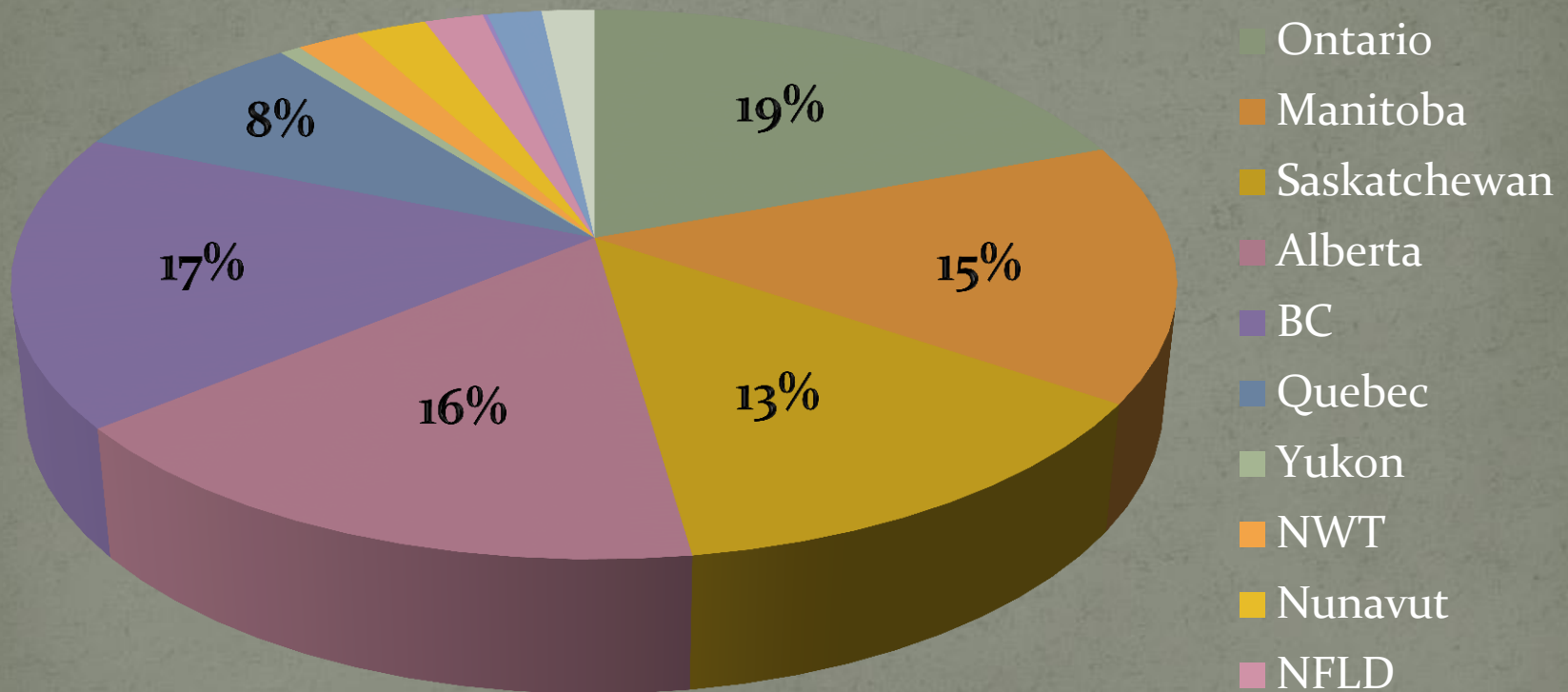
## Sales





# Aboriginal Population Patterns

Population of Aboriginals

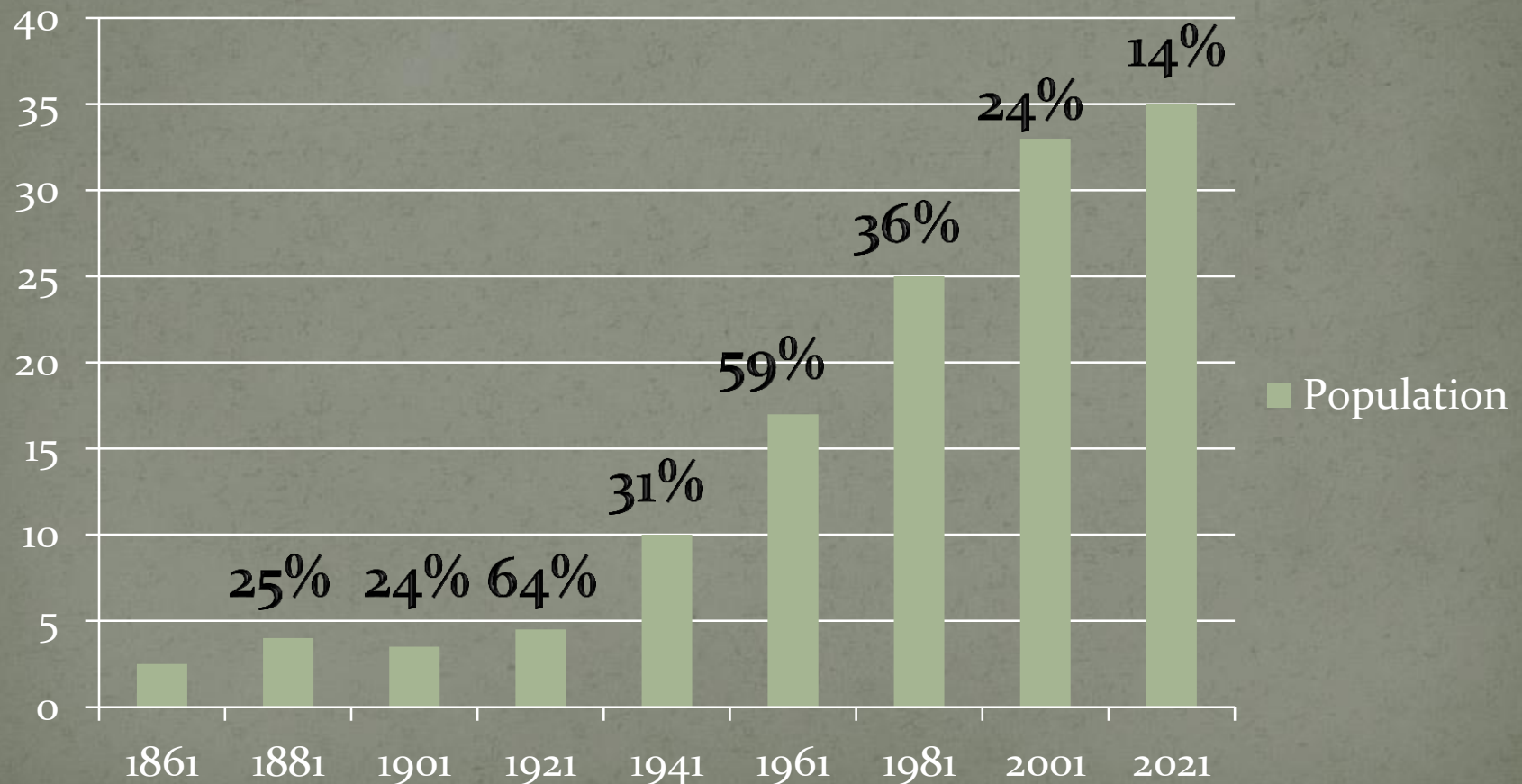


# Population Growth

- In 1867 (when Canada became a nation) our population was 3 230 000.
- By 2001 that figure had grown to over 31 million people
- Statistics Canada- federal government agency responsible for collecting stats about all aspects of Canada

# Population Growth

## Population

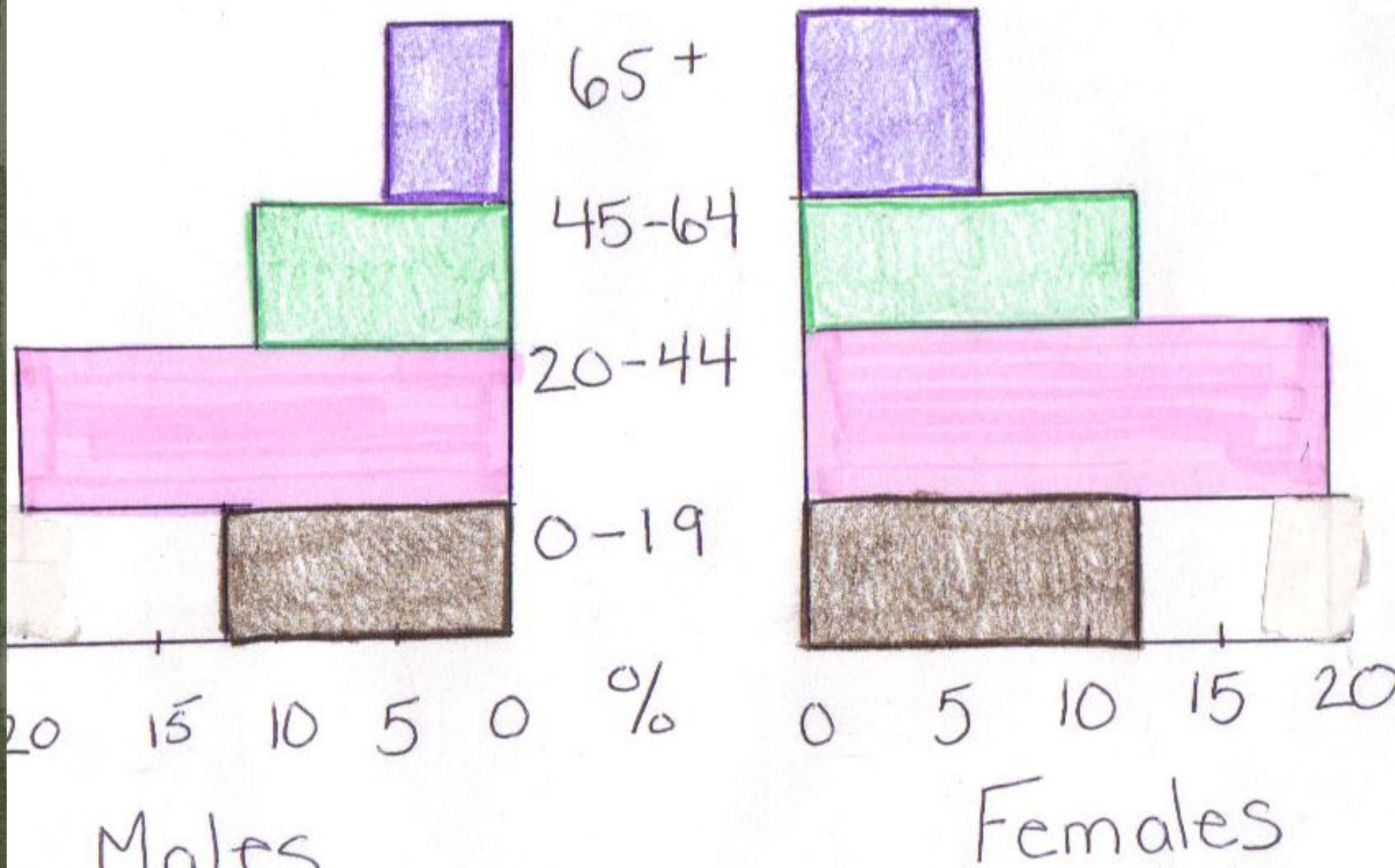




# Age Distribution

- How many people fall into different age groups
- This information is often shown in the form of a population pyramid

# Age Distribution





# Age Distribution

- A country that has more young people than older people will experience higher population growth
- A Country with more people in the older age groups is likely to have a slower population growth
- Canada's population has a bulge in the middle
- Baby Boomers (definition)

# Age Distribution

## Dependency Load

- People under the age of 15 and over the age of 65 usually do not form part of the labour force
- **Dependency Load** describes this segment of the population because these people depend on others for support
- If a country has a high dependency load it places more of a burden on the working population. (more taxes to meet health care needs/schooling needs)

# Age Distribution

## Future Trends

- The over 65 age group will be the fastest growing population group in Canada in the next 20 years.



# Making Population Pyramids

## Purpose

- Used to learn more about a population and what services that group may need in the future.
- Also used to compare populations of different countries

# Making Population Pyramids

## Step 1

- Draw two lines in the middle of the sheet of paper to make an upside-down letter T

## Step 2

- Starting from the bottom, label the age groups from the chart on the vertical line an equal distance apart.

# Making Population Pyramids

## Step 3

- Number each square on the bottom line by fives, starting from 0 in the middle to the maximum percentage at the left and right edges
- Label at the left side “Males” (%) and the right side “Females” (%)



# Making Population Pyramids

## Step 4

- Using the data provided draw a bar from the center line to show the percentages of people in each age group for males and then for females

## Step 5

- Colour the male and female bars. Use a different color for each age group

## Step 6

- Title your population pyramid